

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

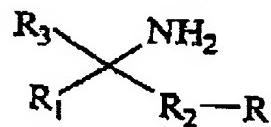
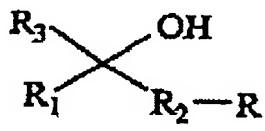
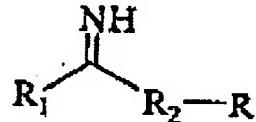
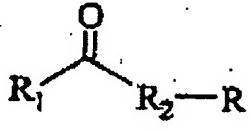
Claims 1-18 (cancelled)

Claim 19 (new): An aminotriazine condensation product, such as a melamine condensation product,

produced by the reaction of an aminotriazine, such as melamine, with at least one oxocarboxylic acid derivative.

Claim 20 (new): The aminotriazine condensation product as claimed in claim 19, wherein the at least one oxocarboxylic acid derivative originates from the group of the following compounds:

(II)



wherein R = ester (-CO-OR₂), amide (-CO-NH₂), substituted amide (-CO-NR₁R₂), anhydride (-CO-O-CO-R₁), nitrile (-CN), imino ester (-CNH-OR₂), amidine (-CNH-NH₂), substituted amidine (-CNH-NR₁R₂), or imino derivatives of the anhydride -CNH-O-CO-R₁, -CNH-O-CNH-R₁ and -CNH-NH-CNH-R₁,

R₁ = alkyl, alkenyl, alkynyl and/or aryl radicals and/or substituted alkyl, alkenyl, alkynyl and/or aryl radicals having up to 20 carbon atoms or hydrogen H,

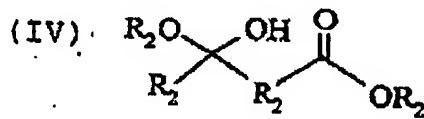
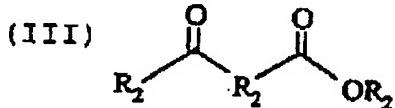
R₂ = alkyl, alkenyl, alkynyl and/or aryl radicals and/or substituted alkyl, alkenyl, alkynyl and/or aryl radicals having up to 20 carbon atoms,

R₃ = -OR₁, -NH₂, -NR₁R₂, -R₁N-CO-R₁ (amide radical), -R₁N-CNH-R₁ (amidine radical), -R₁N-CN (cyanoamide radical), -R₁N-CNH-NH-CN (dicyanodiamide radical), or -R₁N-CNH-NR₁R₁ (guanidine radical).

Claim 21 (new): The aminotriazine condensation product as claimed in claim 19,

wherein

at least one oxocarboxylic acid derivative is an oxocarboxylic ester (III) or a carboxylic ester hemiketal (IV),



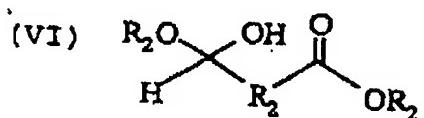
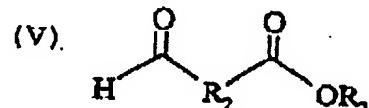
, or both,

where R₂ may be identical or different.

Claim 22 (new): The aminotriazine condensation product as claimed in claim 19,

wherein

at least one oxocarboxylic acid derivative is an aldehydecarboxylic ester (V) or a carboxylic ester hemiacetal (VI),



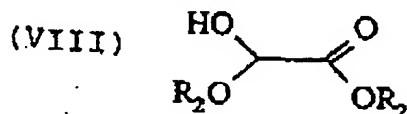
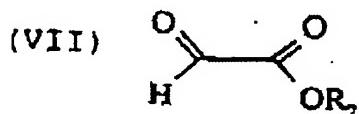
, or both,

where R₂ may be identical or different.

Claim 23 (new): The aminotriazine condensation product as claimed in claim 19,

wherein

at least one oxocarboxylic acid derivative is a glyoxylic ester (VII) or a glyoxylic ester hemiacetal (VIII),



, or both,

where R₂ may be identical or different.

Claim 24 (new): The aminotriazine condensation product as claimed in claim 19, wherein at least one oxocarboxylic acid derivative is glyoxylic methyl ester methyl hemiacetal.

Claim 25 (new): The aminotriazine condensation product as claimed in claim 19 wherein the molar ratio of aminotriazine to the oxocarboxylic acid derivative is 1:2 to 1:4.

Claim 26 (new): The aminotriazine condensation product as claimed in claim 19, wherein the reaction is carried out in a solvent, such as water, alcohol or an inert solvent.

Claim 27 (new): The aminotriazine condensation product as claimed in claim 19 wherein the reaction takes place at pH = 3 to 10.

Claim 28 (new): The aminotriazine condensation product as claimed in claim 19, wherein the condensation product is soluble both in organic solvents and also in water.

Claim 29 (new): The aminotriazine condensation product as claimed in claim 19, wherein it is formed by secondary reactions which occur at the same time as or following the primary reaction or both.

Claim 30 (new): The aminotriazine condensation product as claimed in claim 29, wherein the secondary reaction is an etherification, a transesterification, an esterification, a transesterification, an amidation or a hydrolysis.

Claim 31 (new): The aminotriazine condensation product as claimed in claim 29, wherein the secondary reaction is carried out following the primary reaction.

Claim 32 (new): The aminotriazine condensation product as claimed in claim 19, wherein, after the reaction, syrup-like solutions with a content of from about 5 to 95% by weight, such as from about 25 to 75% by weight, such as from about 30 to 60% by weight, are obtained.

Claim 33 (new): A method for the production of aminotriazine condensation products as claimed in claim 19, wherein an aminotriazine, such as melamine, is reacted in a liquid phase with at least one oxocarboxylic acid derivative.

Claim 34 (new): The method as claimed in claim 33, wherein, after the primary reaction, a derivatization, in particular an etherification, a transesterification, an esterification, a transesterification, an amidation or a hydrolysis, is carried out.

Claim 35 (new): The method as claimed in claim 33, wherein the reaction product is at least one selected from the group consisting of concentrated, filtered off, dried, further condensed by increasing the temperature and cured.

Claim 36 (new): The method as claimed in claim 34, wherein the reaction product is at least one selected from the group consisting of concentrated, filtered off, dried, further condensed by increasing the temperature and cured.